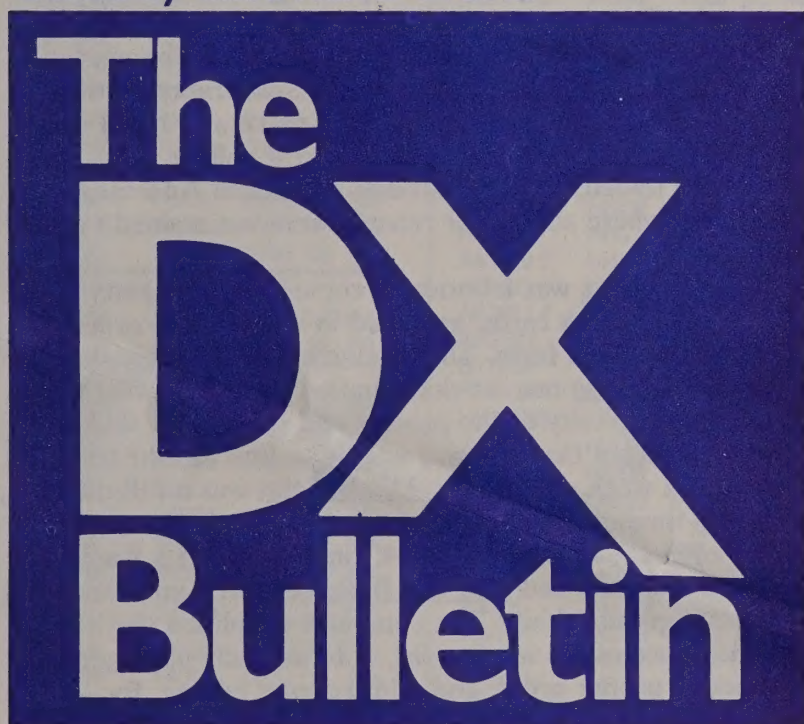


### Pacific Mats Persson SM7PKK enjoyed his first Pacific

DXpedition so much that he is returning to the region this fall. He arrives in Fiji on October 19, and expects to be on as **3D2KK**. Over the next 4-6 months, he will hop around to as many places as he can, until he runs out of money! Among the possibilities are West Kiribati **T3Ø**, Western Samoa (**5W1HK**), South Cooks (**ZK1XV**), Tokelau **ZK3**, and American Samoa **KH8**. On CW, he'll start 5 kHz up from the bottom of the band, listening 5 kHz up, and then move to 25 kHz up for US stations. On SSB, watch the usual DX frequencies. QSL his home call, but send a separate SASE for each operation, as he uses separate QSL managers. Address: Betesv. 22, S-24Ø 1Ø Dalby, Sweden. Mats says that if you send a QSL card for one contact, he'll QSL all of your contacts with that operation. Mats was very active and very workable last year.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

**Grand Cayman - ZF** Steve WA7HSD returns to Grand Cayman (NA-16) Sept. 1Ø-22 as **ZF2LG**. CW and SSB, with SSB frequencies of 1419Ø-2ØØ, 21275-3ØØ, and 284ØØ-5ØØ. QSL to KB6SFD.

**Southern Africa** John Rouse KA3DBN will be in southern Africa for a month starting Sept. 15. He'll be on as **ZS6JR** for South Africa, and plans portable operation from Namibia **ZS3**, Walvis Bay **ZS1**, and the South African homelands of Bophuthatswana **H5** and Transkei **S8**. He'll also try Swaziland **3DAØ**, Lesotho **7P8**, and Botswana **A2**.

**Liechtenstein - HBØ** HBØ/YT3RU will be operated by a large group of Yugoslavian amateurs Sept. 1-11, on CW, SSB, and RTTY, 16Ø-1Ø meters. Usual DX frequencies. QSL to Drago Turin YU3ZV, 6925Ø G. Radgona, Yugoslavia, with 3 IRCs or US\$1, or via YU bureau.

### Reserve Your Island

- John Crovelli W2GD will operate as **P4ØGD** from Aruba in the CQWW CW test, single op, all band. He'll be there Nov. 22-28, and outside the test, he'll be on 1833 kHz on the hour Ø1-Ø6Z. At local sunrise, he'll beam Asia on 2Ø and 4Ø meters. In the contest, watch 16Ø meters on the hour Ø2-Ø8Z, and 8Ø meters on the half hour. Warning: John says he will ignore partial calls. QSL to N2MM.
- Craig Maxey WB7RFA will operate the CQWW SSB on 1Ø meters as **FS5R** from French St. Martin. He'll be there Oct. 24-31, and will sign **FS/FG5DX** outside the test. Craig also reports that he has a few IRCs for sale at \$Ø.55 each. Send a check for the appropriate amount and an SASE (one unit of postage per 25 IRCs) to him at P.O.Box 463, Lake Oswego OR 97Ø34.
- Bill N1GL returns to Aruba as **P4ØA** for a serious single op, all band effort in CQWW SSB. He'll be there Oct. 24-3Ø, and says to watch 1825 kHz on the hour Ø4-Ø7Z Friday and Saturday. QSL KA1XN.

### Shortly Noted

- Peter **ZS8MI** is finally falling into a pattern of operating. Try 14Ø5Ø kHz 11-14ØØZ on Fridays. Check the long path as well as the direct path. Also, try 1421Ø or 1419Ø kHz 12-14ØØZ Thursdays. QSL ZS6PT.
- Claus Floesser DL2GBT reports he will be active as **9H3EH** from Malta Sept. 21-Oct. 19, on 2Ø-6 meters, mostly SSB. QSL via the DL bureau or direct to him at Herrenstr. 21, D-755Ø Rastatt, West Germany.
- UB5JRR and others are in Armenia to August 2Ø with the calls **RG3G/UB4RXX**, **RG4G/UZ3WWZ**, **UG4G/UZ3WWZ**, **UG9G/RB4IRO**, and **RG/UB4JDM**.
- I4VJV, IK4s DCS, CIE, IDW, and MTK will operate from Palmaria Island (EU-83) /IP1 August 21-24, CW and SSB, 16Ø-1Ø meters.
- **TM7EU** is the special call Sept. 9-1Ø from St. Andre le Coq, the geographic center of the Community of Europe. QSL FF6KDC.
- Regulars (callsign, frequency or band, UTC): **3B8CF** 14Ø29 14ØØZ; **3B8FQ** 14ØØ9 13ØØZ; **4S7NE** 14ØØ5 123ØZ; **9X5AA** 14Ø2Ø long path 12-14ØØZ; **BY4RB** 14Ø3Ø 12ØØZ; **D68JL** 14Ø29 Ø34ØZ; **FT4ZE** 2ØM CW long path 133ØZ; **VU2IOC** 2ØM CW 123ØZ; **4S7VK** 14175 113ØZ; **KC4USV** 142Ø6 11ØØZ; **5B4OG** 18Ø9Ø Ø2ØØZ; **RVØYF** (Zone 23) 21Ø1Ø Ø1-Ø4ØØZ; **S79MX** 21Ø5Ø Ø33ØZ and 2ØØZ, and 21345 19-2ØØØZ and Ø3ØØZ; **PAØGAM/ST2** 21Ø24 21-ØØZ; **VU2SU** 15M CW ØØZ; **9K2CS** 2128Ø or so 23ØØZ; **A92BE** 213ØØ or so 18-22ØØZ and Ø4ØØZ; **CEØDFL** 2129Ø Ø2ØØZ; **FH8CB** 21316 Ø4ØØZ; **J28DN** 2128Ø ØØØØZ; **YI1BGD** 21295 19ØØZ Saturday; **ZB2IW** 15M SSB 18-23ØØZ; and **ZS1IS** 2861Ø 16ØØZ Sunday.
- SSB net check-ins: 7159 kHz: **KC4USV**; 14222: **9X5KP** **ZK1CX** **TU2JL** **ZL7TZ** **3D2ER**; 14227: **ZS1IS** **ZS8MI** **BV2FA** **3B9FR** **3DAØAH** **TU2JL** **5NØMRD** **T3ØBC** **XX9JN** **V85HG** **3D2AG** **P29CG** **T3ØBC** **BV2A** **7X4BL**; 1425Ø: **YK1AA** **YK1AO** **JY5HH**; 14256: **FP89DX** **3A2EE** **TL8RM** **TR8SA** **FT4ZE** **6W6JX** **9Q5BG** **TJ1MW** **JX7DFA** **FH8CB**; 21335: **EA9KQ** **9X5KP** **3DAØAH** **9L1TH** **J28DN** **ZD9BV** **9J2BO** **ZC4AB** **D44BS** **5V4DP** **OY9JD** **5N9GM** **D68JL**.



## Propagation

### Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
August 1989	Date Flux A K	Date Flux A K
11 High Normal	7/15 181 07/10 1	6/17 288 07/09 2
12 Above Normal	7/16 179 02/06 1	6/18 260 05/09 2
13 High Normal	7/17 179 16/15 2	6/19 258 10/14 2
14 High Normal	7/18 185 16/20 3	6/20 244 26/24 4
15 Above Normal	7/19 189 04/08 1	6/21 236 06/08 1
16 Above Normal	7/20 188 05/07 2	6/22 225 07/09 2
17 Above Normal	7/21 190 08/09 2	6/23 230 09/09 3
18 High Normal	7/22 195 08/10 2	6/24 219 11/12 3
19 High Normal	7/23 190 12/11 2	6/25 213 06/11 1
20 High Normal	7/24 186 13/12 3	6/26 227 11/11 3
21 Above Normal	7/25 176 05/09 1	6/27 223 08/10 2

### Propagation Watch

The superb band conditions continue! For yet another week, solar flux has remained in the 180-200 level, and the geomagnetic field has been quiet. This combination spells excellent DX propagation.

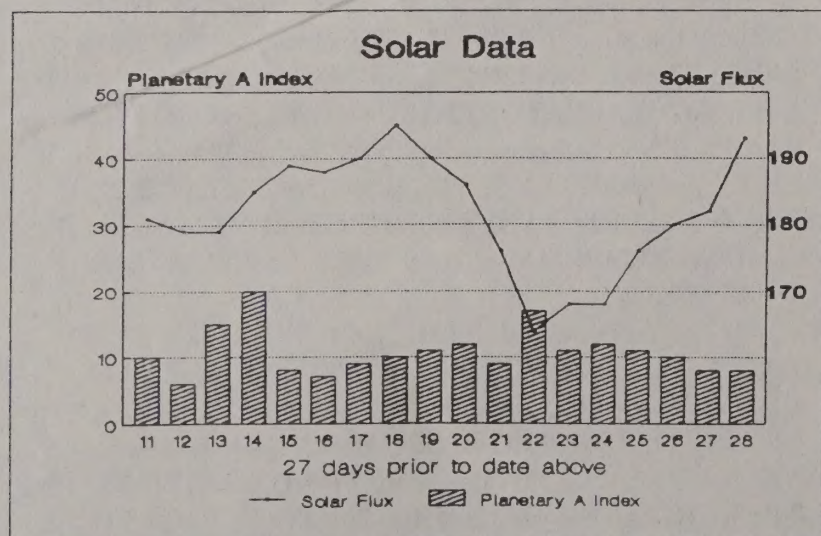
It has now been almost two months since the solar activity peak of mid-June that sent the solar flux soaring above 300. Although the number of sunspot regions remains very high (there were as many as 20 separate regions on the visible side of sun in early August), most of these regions are small, and magnetically simple. This means that they probably won't produce major flares, such as the series in June. Even the larger sunspot regions have not produced many flares, which is excellent news for DXers.

These conditions could change at any moment, as a single complex region can disrupt HF communications, as Region 5395 did in March. Keep an ear on WWV at 18 minutes after the hour, or on WWVH at 45 minutes after the hour, for the latest solar report.

In the absence of major flares, DXers will continue to enjoy some of the best band conditions in years. The long path on 20, 15, and even 10 meters at local dawn is very productive. 15 meters is open worldwide most days, and 10 meters is showing more life as days shorten in the northern hemisphere. The polar path in the early evening continues to provide lots of Indian Ocean and rare Oblast activity. Normally-difficult Zone 23 is readily available, for example.

Later in the evening, DXers get another shot at the long path, especially on 20 meters. Try pointing your antenna to either side of the south pole for best signal strength.

DXers should make good use of these excellent band conditions; we don't get them that often!



## 10 Years of The DX Bulletin

This is Issue 500 of The DX Bulletin, concluding 10 years of providing the best in DX news and comment to DXers around the world.

The DX Bulletin traces its roots back another 11 years, to the start of The West Coast DX Bulletin, edited by Hugh Cassidy WA6AUD, now a member of the DX Hall of Fame. Cass turned off the presses on July 18, 1979 after producing the most widely-read and respected DX newsletter anywhere. Don Busick K5AAD wanted to continue the tradition of the WCDXB, and persuaded Cass to part with his mailing list. Don tried to convince Tom Taormina K5RC to edit the publication, but Tom's other obligations prevented this. Tom did suggest the name for this publication, and soon lined up a capable editor: Jim Cain K1TN.

On August 15, 1979, Issue Number 1 was mailed to the former subscribers of the WCDXB. The first few issues were type-set and mailed from Texas, but the long production time between editing the newsletter in Connecticut to final mailing from Texas proved too slow for timely DX news, and in a couple of months, Jim acquired an offset press and folding machine, and was soon spending more time teaching himself the printing business than gathering DX news.

For the next five years, Jim would type the master copy of The DX Bulletin on an IBM Selectric typewriter, take it down to a local print shop to make a reduced copy, make a master plate, and start the press rolling. Each copy was then folded, and run through an ancient Addressograph machine, where subscriber records were maintained on small metal plates.

Bandpass was laboriously copied entry by entry onto color-coded index cards, arranged in alphabetical order, and retyped into final form. The production time required to get The DX Bulletin out the door limited news gathering time, and the complexity of the process and the special skills required meant that Jim was unable to find anyone to take over for a week or two. The DX Bulletin was a full-time job, with no time off, and no vacations.

Finally, In October, 1984, Jim purchased a Radio Shack computer, and The DX Bulletin moved into the world of 'desktop publishing.' The computer simplified the maintenance of the mailing list, automatically put Bandpass entries in proper order, and allowed easy editing. By contracting out the actual printing, folding, and mailing, Jim was able to reduce the time commitment to the point where he could take on an 'outside' job.

In March, 1986, Jim 'retired,' and turned over The DX Bulletin to its present editor. (Jim has kept his hand in the amateur radio publishing field; see his series on the USSR, which starts in the September issue of QST.)

The DX Bulletin now has a staff of four, with the addition of Joan Granucci this past week. Three IBM XT computers with more than 100 megabytes of memory, three heavy-duty computer printers, and tons of files fill the small office (conveniently located on top of a mountain). With more than 8,000 readers in 59 countries, The DX Bulletin is the mostly widely read DX newsletter in the world. Even with contracting out the back-breaking jobs of printing, folding, and labeling the issue every week, producing The DX Bulletin is a full-time job. And it's still impossible to take much time off, except for the short summer vacation (next week) and Christmas. Hope you enjoy it!



# B . A . N . D . P . A . S . S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet.  
All "portable" calls listed with country of operation first, regardless of format used on the air.

## RTTY

5Z4BH	21090	1941	25	NH
7P8DR	14090	1401	22	CO
GU0JCI	14094	2343	19	OH
HR2/	14091	0233	26	NH
JA6WFM				
HV3SJ	21090	1924	28	CO
HZ1AB	21083	1910	26	NY
OA4LS	14091	2359	26	NH
UA9CR	14091	0200	27	OH
UO4OWQ	14085	2328	24	OH
YO6JN	14091	0042	27	OH

## 160 Meters

VK7JH	1825	1143	23	CO
VP2VI	1834	0056	30	NJ
ZL2ANR	1832	1139	29	CO

## 75 Meters

FK8FU	3795	1153	27	WV
KX6DC	3801	1250	29	CO
YU1EXY	3790	0159	29	FL
ZS8MI	3795	0405	23	CA

## 40 Meters

BY5RA	7001	1250	23	CA
CE0OGZ	7004	1155	27	CA
CN2AQ	7005	0437	31	OR
EA8AB	7001	2210	22	SC
EA8AN	7098	0641	25	CO
LU2IP	7006	0035	23	SC
TL8RM	7011	0135	23	CT
VU2TEC *	7008	1310	31	WV
ZS6QU	7003	0050	23	SC

## 30 Meters

FO5JR	10104	1030	21	PA
Y24SD	10103	0202	22	PA

## 20 Meter CW

3B8CF	14027	1347	24	CO
3B8DB *	14013	1124	19	MA
3B8FQ *	14008	1321	29	CO
3D2AK	14029	1044	19	NH
4L0X	14021	0902	28	BC
4S7CR *	14019	1122	27	MA
4S7NE *	14007	1057	30	PA
4S7SE	14005	1155	28	PA
4S7SX *	14030	1251	30	IL
5V0AA	14020	0500	28	OR
5Z4FM *	14013	1420	1	WA
6D2DX	14027	1357	30	OR
7P8EL	14006	1450	29	CA
9M2JP	14035	1440	29	CA
9M2ZA	14037	1210	24	CA
9Q5DX	14020	0444	29	OR
9V0XW	14021	1325	30	CA
9X5AA *	14020	1221	25	FL
AP2ASA *	14041	1353	1	WA
BV2FA	14006	0951	28	CA
BY4CPA	14006	2115	27	CA
BY4CPA	14015	1315	29	OR
BY4RB	14031	1210	28	PA
D68JL	14029	0338	29	CA
EA9KD	14031	0443	27	IL
EL2EF	14002	1458	22	CA
EU2FM	14030	2205	30	NH
FK0BM	14055	0540	29	CA
FK8FA	14035	1124	20	MA
FT4ZE *	14007	1330	28	IL
HZ1AB *	14001	1352	30	OR
J52US	14025	0000	30	OR
JT1KAA	14039	2345	28	NE
KH3/KN0E	14021	1220	23	CO
KH2/NY6M	14032	1211	29	IL
PY0FF	14024	0252	22	PA

S79MX	14050	0130	29	NE
T20AA	14031	1055	26	PA
T32AB	14007	0410	24	AK
T5CT	14019	1238	28	CO
TA3D	14013	0330	28	MN
TF3HW	14008	1041	21	PA
TL8RM	14010	0625	24	CA
TL8RM	14015	2230	28	PA
TT8CW	14002	0145	20	PA
UG6GAW *	14009	1425	22	CO
UI8ADM *	14006	1120	24	MA
UJ8SA	14017	0232	27	PA
VU2IOC *	14014	1224	29	PA
VU2MAI	14035	1440	29	CA
VU2TTC	14006	1210	29	IA
YJ8JS	14042	1055	10	PA
YN3CC	14006	1310	29	NH
ZS5LB *	14033	1412	29	CA
ZS8MI *	14050	1100	28	CT

## 20 Meter SSB

3B8FV *	14180	1253	29	MN
3B9FR *	14191	1130	25	CO
4S7NE	14198	1246	28	ON
4S7PB	14192	1129	30	MA
4S7VK *	14176	1140	28	IA
6T2MG	14206	2234	24	CO
9M2ZZ	14165	1147	23	WV
9M6HF	14200	1440	29	OR
9M6MA	14163	0215	28	CA
9M6MA	14160	1200	28	IA
9Q5BG	14256	0000	28	CA
9V1UD *	14207	1505	28	CA
A41KJ	14172	1403	30	OR
A41KN *	14174	1407	1	WA
A61AC	14243	0118	26	NH
AP2AU *	14194	1235	29	IA
AP2SQ	14195	1353	29	NH
BY5RA	14192	1221	29	CO
FT4ZE *	14165	1259	24	CO
HB0CZS	14149	0421	27	ON
J52US	14214	0111	30	PA
KC4USV	14209	1102	30	MA
KH3/KN0E	14256	0452	27	NH
KX6HE	14165	1130	25	MD
P29RE	14250	1045	28	OH
S79SC	14206	1216	30	MA
T30BC	14174	1315	29	MN
TA2BH	14230	1932	24	NH
TF9CW	14260	2238	22	IL
TJ1MW	14178	0649	23	CO
TL8WD	14250	0522	29	CA
TW6XGA	14194	0605	23	CA
UA1O/	14184	0315	30	MA
UA0BEZ				
UA1OT	14227	0106	21	WV
V85AM	14199	1308	27	MD
VK0AE	14120	0230	1	WA
VQ9RF	14213	1338	24	CO
VQ9RF *	14244	1241	26	NH
VR6ID	14308	0615	23	CA
VU2AU	14198	1050	27	OH
VU2AU *	14083	1051	25	MA
YI1BGD	14233	0110	31	MA
YJ8GP	14232	1125	26	CO
YJ8IND	14195	1113	29	MI
YN3ACZ	14196	0048	31	MA
ZD8BOB	14190	2008	28	NH
ZS8MI	14210	1149	27	CO
ZS8MI *	14175	1113	27	CO

## 17 Meter CW

5B4OG	18090	0206	25	SC
EA8AB	18085	2143	23	SC
F3NB	18085	0359	23	AZ
HB9DGV	18076	2343	22	PA

HZ1AB	18080	1540	23	SC
SM7FTC	18086	0316	17	FL
TF3IRA	18075	2258	24	SC
YB4FNN	18069	1708	23	SC
YE0AX	18072	1325	23	SC

## 17 Meter SSB

9M2RI	18141	2035	26	TX
C6ARC	18128	0220	28	TX
GI0JPR	18158	0146	28	TX
GJ3RAX	18112	0014	28	TX
HC5K	18150	1220	18	FL
HP3FL	18118	2145	26	TX
HZ1AB	18151	2310	27	TX
J52US	18132	2311	24	EU
VP2VM	18113	1946	24	TX
ZL2BT	18124	0449	27	ON

## 15 Meter CW

3B8CF	21029	0334	22	CO
4F1BYN	21027	1313	30	ID
4L0X	21019	0354	30	CA
4S7GF	21017	0046	22	PA
9V0YC	21020	0031	30	WV
9V1XI	21005	1440	25	NB
9V1YC	21025	1625	29	IL
FR4FD	21027	0452	24	MD
FR5DD	21048	0416	25	NJ
HC5AI/7	21010	0328	31	OR
JT1KAA	21019	0050	29	FL
JT9C	21035	0225	24	CO
JY9SR	21033	0144	21	PA
KH3/KN0E	21023	0806	25	CO
KH2/NY6M	21048	1436	29	NH
OY1CT	21034	1345	30	CA
RA0YFH	21012	0515	24	CA
RL7JA	21008	0419	28	CO
RV0YF	21007	0118	22	CO
S79MX	21050	0336	1	PA
S79MX	21051	2033	27	PA
ST2/	21027	2242	26	TN
PA0GAM	21024	2117	31	CA
SV4AAQ	21028	1406	26	NH
SV9ADH	21024	2305	26	TN
SV9TJ	21020	2110	24	SC
TA2AO	21015	1401	29	MN
TA3D	21015	1451	21	MA
TA3D	21012	0332	27	CA
TL8RM	21017	0530	26	CA
UG6GAW	21008	0345	22	CO
UI8ADQ	21011	0210	27	MA
UI8GBK	21012	0304	27	CO
UJ8JCQ	21022	0101	25	MA
UL8RWH	21059	1702	30	WV
VU2SU	21010	0004	27	MI
ZD8SE	21004	1630	23	PA
ZP6XDW	21026	0233	27	CO

## 15 Meter SSB

3B9FR	21286	0430	24	MD
4S7DK	21275	0029	31	MA
4S7EA	21293	2333	24	NH
5B4MF	21331	2141	25	MD
5H3TW	21244	0038	31	MA
5Z4BI	21315	1912	26	MT
5Z4HP	21335	1900	29	NY
7X4AN	21301	2243	31	WA
9K2CS	21267	2130	29	MN
9M6HF	21241	1835	29	MA
9N1MM	21286	0120	25	MD
9Q5BG	21254	0238	23	CO
9V0RH	21303	1730	29	MD
9X5AA	21299	1900	27	NH
9X5NH	21291	1951	28	MD
A22MH	21320	1704	25	MD
A41JR	21205	2215	27	CA
A41JR	21266	1147	30	NJ

A41JR *	21267	1733	27	NH
A41JW	21222	0200	25	MD
A92BE	21300	0345	27	CO
A92BE	21320	1822	28	NH
AP2ZAC	21263	1407	27	MD
BY4RB	21247	0405	28	CO
BY5RY	21257	1339	27	MD
C53BU	21233	1918	25	NH
CE0DFL	21290	0206	31	MA
EA9IB	21312	0148	25	FL
EA9KQ	21305	1812	29	WV
FH8CB	21320	0404	28	PA
FK0BM	21298	0256	29	NH
FT4ZE	21205	0658	26	CA
HS1BV *	21242	1813	26	NH
J28DN	21279	0024	22	CO
J28DN	21260	2025	28	NY
JT1BV	21202	0250	1	IL
JT1KAA	21238	0200	27	CO
JT1T	21238	0303	28	CO
JT9C	21263	1335	27	MD
JY5IN	21256	2353	25	PA
JY5RBM	21267	0122	31	MA
OD5/	21350	2058	30	MD
EI4EG				
PY0FF	21285	1303	30	PA
RL7JB	21295	0233	31	MA
S79MX	21345	2009	28	IL
S79MX	21202	0311	29	IL
T20AA	21325	0323	23	MO
T30XDK	21275	0307	27	CA
TA3F	21309	2210	26	MD
TJ1MW	21222	2157	28	WV
TL8HB	21356	2056	30	MD
TL8JL	21301	1256	22	CO
TR8RS	21222	2105	25	MT
TR8SA	21294	2128	29	MN
TU2JD	21300	1327	24	CO
UG6GAW	21230	0316	27	CA
UH8HAI	21292	1537	28	CA
UH9WWA	21262	0415	26	CA
UI8ZAC	21266	0314	1	IL
VK0GC	21205	0538	29	TN
VQ9MC	21303	1603	30	OR
VU2DK	21240	0124	31	MA
VU2TTC	21292	1630	27	NC
YI1BGD	21295	1850	29	NH
ZB2IW	21229	1730	27	TX
ZD8BOB	21250	2053	28	MD
ZS3BI	21330	1624	29	MD
ZS3UN/	21260	1928	26	NH
OH7NRW				
ZS8MI *	21300	1501	30	CT



1 498 YOUR SUBSCRIPTION ENDS 89/10  
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# Calendar

Issue 500 - August 11, 1989

(Changes and hot info in boldface.)

**American Samoa - KH8 N2HNO/KH8 Aug. 7-13** I498  
**Amsterdam Island** FT4ZE 20M CW long path 1330Z I500  
**Armenia - UG6** UG6GAW 14009 02Z; 21005 I499  
by UB5JRR et al to Aug. 20 I500  
**Bahrain - A9** A92BE 21300 or so 18-2200Z I500  
**Bouvet - 3Y** In December? I497  
**Burkina Faso - XT** XT2CW/XX by DK7PE Aug. 6-12 I498  
**Caribbean** by PA0CRA Aug. 14-28 I499  
**Chagos - VQ9** VQ9RF 13220 long path 1300Z I499  
**China - BY** BY4RB 14033 kHz 1200Z I500  
**Christmas Is. - T32** T32AB 21240 0330Z I499  
**Conway Reef - 3D** Nov. 3-13 by OH1RY et al I492  
**Djibouti - J2** J28DN 21280 0000Z I500  
**Easter Island - CE0** ce0dfl 21290 0200Z I500  
**Eastern Carolines** KC6MS on 6 meters Sept. I498  
**Egypt - SU** SU1EK 21230 kHz 0100Z I499  
**Faroes - OY** OY1CT 14020 kHz 0000Z I498  
**Gibraltar - ZB** ZB2IW 15M SSB 18-2300Z I500  
**Grand Cayman -ZF** ZF2LG Sept. 10-22 I500  
**Guinea-Bissau - J5** J52US 28495 1200Z I498  
**Guyana - 8R** 8R1J 15M CW 2130Z I498  
**India - VU** VU2IOC 20M CW 1230Z I500  
**ITU - 4U1ITU** multi-multi CQWW CW I497  
**Iraq - YI** YI1BGD 21295 1900Z Saturday I500  
**Johnston Is. - KH3** KN0E/KH3 15M CW 0430Z I497  
**Jordan - JY** JY9SR 21029 kHz 0130Z I499  
**Liechtenstein - HB0** HB0/DF9GR Aug. 4-13 I499  
HB0/YT3RU Sept. 1-11 I500  
9H3EH Sept. 21-Oct. 19 I500  
**Malta - 9H** ZS8MI 14050 10-1300Z Fri. I500  
**Marion Island - ZS8** or 14180, 193, 212 13-1500Z I499  
3B8CF 14029 1400Z I500  
3B8FQ 14009 1300Z I500  
**Mayotte - FH** FH8CB 21316 0400Z I500  
**Mexico - 4C** in WAE CW by NM2Y I499  
**Mongolia - JT** JT9C West Mongolia to Aug. 18 I499  
JT1KAA 15M SSB often I497  
**Oblasts - 034** UM4N UW4CF August 3-13 I496  
138 UA0I UV3DDC to September I494  
014 RF8Q UW3DM September I498  
UA3EAC/RF5Q September I498  
**052** UI8T UA9CJK/UI8T Aug. 5-20 I499  
**Pakistan - AP** AP2AD 21282 0200Z I497  
**Papua-New Guinea** P29PL 14003 1030Z I499  
**Reunion Is. - FR** FR4FD 20M CW 1330Z I497

**Rwanda - 9X** 9X5AA 14020 long path 12-1400Z I500  
**Sable Island - CY0** CY0DXX Aug. 6-13 I494  
**St. Helena - ZD7** ZD7VC 28470 1330Z I499  
**St. Kitts - V4** CQWW SSB M/S operations I496  
**Sao Tome - S9** S92LB 21280 2000Z Mon. I498  
**Seychelles - S7** S79MX 21050 030, 20Z I500  
**Somalia - T5** T5CT 15M SSB 0400Z I498  
**South Georgia - VP8** VP8BUB 40M SSB 2200Z Tu/Th I499  
**South Shetlands** HL5BDS 28020 14-1700Z I493  
**Sovereign Bases - ZC** ZC4MK 15-meter SSB 0500Z I499  
**Sri Lanka - 4S** 4S7VK 14175 1130Z I500  
4S7NE 14005 1230Z I500  
**Sudan - ST** PA0GAM/ST2 21024 21-00Z I500  
**Svalbard - JW** SP8UFO/JW to Sept. ? I499  
**Syria - YK** YK1AO 20M CW 0230Z I497  
**Tadzhik - UJ** UJ8KA 21005 0100Z I499  
**Taiwan - BV** BV4QA 14025 1400Z I499  
**Tanzania - 5H** 5H3TW 21020 21-2300Z I499  
**Thailand - HS** HS0B 14210 1300Z I497  
**Turkey - TA** TA3/DL5XX Aug. 5-17 I499  
**Walvis Bay - ZS1** ZS1IS 28610 1600Z Sundays I500  
ZS1IS Aug. 27-Sept. 10 I498  
**West Malaysia - 9M2** 9M2ZA 14032 10-1200Z I498  
**Zimbabwe - Z2** Z21FN 14025 long path 1300Z I497  
**Zone 23** RV0YF 21010 23-0200Z I499

### DX Activities and Contests

Date	Event or Activity	Info
August 12-13	European CW Test	CQ
August 19	SATRG RTTY Contest	CQ

### Contributors

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